

REMARKS

Claims 22-24, 26, and 27 have been amended.

Claims 4-8, 10-18, and 25 have been withdrawn.

No Claims have been cancelled or added.

1. Election / Restriction

The Examiner has stated that the application contains claims directed to the following patentably distinct species of the claimed invention:

Figures 2 and 3; Figure 4; Figure 5 and Figure 6.

By telephone interview on July 28, 2005, Applicant provisionally elected to prosecute the invention of Figures 2 and 3, consisting of Claims 1-3, 9, 19-24, 26, and 27. **Applicant hereby confirms this election.**

The Examiner has further indicated that restriction is required between the following to inventions under 35 U.S.C. § 121:

I. Claims 1-3, 9, and 19-21, drawn to a common reference target vision wheel alignment system, classified in class 356, subclass 139.09.

II. Claims 22-24, 26, and 27 drawn to establishing a common coordinate reference system between at least two camera systems, classified in class 382, subclass 295.

Applicant respectfully traverses the restriction between Inventions I and II as set forth above. Claims 22-24, 26, and 27 have been amended to clarify that these methods are for configuring a machine vision vehicle wheel alignment system. The methods set forth in these claims require the use of either a common reference target (Claims 22-24) or a predetermined relationship between the sets of optical targets

(Claims 26 and 27). Hence, the sub-combination of Claims 22-24, 26, and 27 no longer has separate utility such as in an imaging system, and can be considered as drawn to a common reference target vision wheel alignment system, classified in class 356, subclass 139.09. Accordingly, the restriction requirement between inventions I and II should be withdrawn.

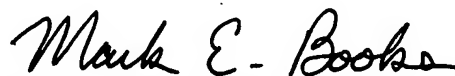
In the event Applicant's arguments are unpersuasive, Applicant elects to proceed with Claims 22-24, 26, and 27 drawn to Invention II.

2. Conclusion

Based on the foregoing, the examination of Claims 1-3, 9, 19-21, 22-24, 26, and 27 is requested.

If for any reason the Examiner is unable to allow the application on the next Office Action and feels that an interview would be helpful to resolve any remaining issues, the Examiner is respectfully requested to contact the undersigned attorney for the purpose of arranging such an interview.

Respectfully submitted,



Mark E. Books, Reg. No. 40,918
Polster, Lieder, Woodruff & Lucchesi, L.C.
12412 Powerscourt Drive, Suite 200
St. Louis, Missouri 63131
Tel: (314) 238-2400
Fax: (314) 238-2401
mbooks@patpro.com